DOCUMENT RESUME

ED 200 248 IR 009 304

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TITLE CSUC Standard for the CLSI Expanded Title Record.
INSTITUTION California State Univ. and Colleges, Los Angeles. Library Systems Project.
PUB DATE 19 Feb 81
NOTE 14p.

EDRS PRICE MF01/PC01 Plus Postage.
DESCRIPTORS Academic Libraries; Higher Education; *Input Output Devices; *Library Automation; *Library Catalogs; *Online Systems; *Specifications; Standards
IDENTIFIERS *Public Access

ABSTRACT

The system specifications described have been adopted by the 19 California State University and Colleges Libraries for use with the CL Systems "Expanded Title Record" format. It is anticipated that these specifications will be tested at California State University, Chico, beginning midyear 1981. Should this pilot demonstration prove successful, it is further expected that implementation of the CLSI public access system at all 19 CSUC campus libraries will follow. The specifications, which assume machine-readable bibliographic input through OCLC archival tapes and/or any other machine-readable bibliographic data captured in OCLC or LC-MARC compatible format are designed to accept and process all OCLC formats and their revisions, including those necessary for compatibility with the second edition of the Anglo-American Cataloging Rules. (Author/RAA)

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CSUC STANDARD FOR THE CLSI EXPANDED TITLE RECORD

developed
by the

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Approved by the Library Development Advisory Committee, January 7, 1981

Approved, with revisions, by the CSUC Library Directors, February 19, 1981

February 19, 1981

IR009304

CL Systems, Inc. has made advancements which enable its LIBS-100 System to serve not only as an automated circulation control system, but also as an online public access catalog. Before a library can implement the CLSI Public Access Module, it must first develop detailed system specifications for the thirty variable length fields which make up the CLSI "Expanded Title Record" format. The contents of these fields provide the framework for the System's bibliographic records. The library must also decide which of the fields are to be indexed by the System. Thus the structure and arrangement of the thirty fields are a significant factor in the future success of the System as an online public access catalog.

This document describes the system sprecifications adopted by the nineteen California State University and Colleges libraries for use with the CLSI "Expanded Title Record" format. It is anticipated that these specifications will be tested at California State University, Chico beginning midyear 1981. Should this pilot demonstration prove successful, it is further expected that implementation of the CLSI public access system at all nineteen CSUC campus libraries will follow.

The specifications contained within this document assume machine-readable bibliographic input through OCLC archival tapes and/or any other machine-readable bibliographic data captured in OCLC or LC-MARC (Library of Congress implementation of ANSI Z39.2-1971, rev. 1977) campatible format. The specifications are designed to accept and process all OCLC formats and their revisions including those necessary to make the formats compatible with the second edition of the Anglo-American Cataloguing Rules (AACR2).

Barbara Case, Chairperson
Bibliographic Standards Committee

I. EXPANDED TITLE RECORD -- VARIABLE FIELD CONTENTS

LOCAL FIELD NAME	LOCAL FIELD NUMBER	KEY PRE-FIX	OCLC FIELDS TO BE INCLUDED IN CLSI FIELDS TOGETHER WITH COMMENTS ON SELECTION LOGIC
CALL NO	1	\	050 LC call number (delete second a subfield) 090 Local LC call number 086 Gov't Doc. number 092 Local Dewey number 098 Local other 099 Local free text COMMENTS: One field will be selected through a table using OCLC holding codes (similar to OCLC profile). Input stamps and automatic stamps will follow the call number, the order to be a local decision.
AUTHOR	2	&	100 Personal name 110 Corporate name 111 Conference name COMMENTS: Only one will appear.
UNI TITLE	3	!	130 Main entry uniform title 240 Uniform title COMMENTS: If there are brackets, remove them. Only one field will appear. Take 240 field only if the first indicator is 1 (local option to take all occurrences).
TITLE	4	!	241 Romanized title 245 Title statement (up to but not including subfield c) COMMENTS: If both 241 and 245 occur, select 241.
PUB INFO	5		245 Statement of responsibility (includes subfield c and any subsequent subfields)- local option 362 Date of publication and volume designation 250 Edition (continued on next page)

LOCAL FIELD NAME	LOCAL FIELD NUMBER	KEY PRE-FIX	OCLC FIELDS TO BE INCLUDED IN CLSI FIELDS TOGETHER WITH COMMENTS ON SELECTION LOGIC
			(PUB INFO -- Field 5, continued) 260 Imprint 261 Production and release 262 Imprint COMMENTS: Select all fields and concatenate.
DESCRIPT	6		300 Collation 301 Physical description 302 Item count 303 Unit count 305 Physical description 490 Series not traced or traced differently COMMENTS: Select all fields and concatenate.
HOLDINGS	7		Summary of holdings (free text) COMMENTS: Serial summary holdings statement or other holding statement could be inserted (local option).
NOTE 1	8		590 Local note COMMENTS: Select all fields and concatenate.
NOTE 2	9		028 Publisher's number for music (local option) 501 Bound with note 503 Bibliographic history note 500 General note 525 Supplement note 550 Issuing bodies note 555 Cumulative index (requires a literal, see Section II below) 580 Linking complexity note COMMENTS: Select all fields and concatenate.
NOTE 3	10		246 Varying title 247 Title varies (delete subfield x) 780 Preceding entry (delete subfields x and y) 785 Succeeding entry (delete subfields x and y) 504 Bibliography note COMMENTS: All except 504 require literals, see Section II below. Select all fields and concatenate.

LOCAL FIELD NAME	LOCAL FIELD NUMBER	KEY PRE-FIX	OCLC FIELDS TO BE INCLUDED IN CLSI FIELDS TOGETHER WITH COMMENTS ON SELECTION LOGIC
NOTE 4	11		502 Dissertation note 520 Abstract/Summary note 508 Credits note 511 Performer/Cast note 510 Citation note 507 Maps 541 Provenance 546 Language COMMENTS: Fields 520, 508 & 510 require literals, see Section II below. Select all fields and concatenate.
NOTE 5	12		505 Contents (requires a literal, see Section II below. 515 Numbering peculiarities 533 Photoreproduction COMMENTS: Select all fields and concatenate.
SUBJECT 1 SUBJECT 2 SUBJECT 3 SUBJECT 4 SUBJECT 5	13 14 15 16 17	= = = = =	6XX Subject added entry COMMENTS: Subject fields will be selected through a table which utilizes OCLC holding codes and field indicators (similar to OCLC profile). Select first five subject headings allowed by the table.
ADD AUTH 1 ADD AUTH 2 ADD AUTH 3 ADD AUTH 4	18 19 20 21	& & & &	400 Series statement - Personal name/title - Traced (delete subfield x) 410 Series statement - Corporate name/title - Traced (delete subfield x) 411 Series statement - Conference name/title - Traced (delete subfield x) 800 Series added entry - Personal name/title 810 Series added entry - Corporate name/title 811 Series added entry - Conference name/title 700 Added entry - Personal name 710 Added entry - Corporate name 711 Added entry - Conference name 705 Performer 715 Corporate performer (continued on next page)

LOCAL FIELD NAME	LOCAL FIELD NUMBER	KEY PRE-FIX	OCLC FIELDS TO BE INCLUDED IN CLSI FIELDS TOGETHER WITH COMMENTS ON SELECTION LOGIC
			(ADD AUTH 1 - 4 -- Fields 18 - 21, continued) COMMENTS: Select first four fields present. For fields 400, 410 & 411, if the second indicator is "1" then the field 100, 110 or 111 respectively is used for the "a" subfield.
AD TITLE 1 AD TITLE 2 AD TITLE 3 AD TITLE 4	22 23 24 25	! ! ! !	242 Translation of title 246 Varying forms of title 247 Title varies 440 Series statement - Title traced 730 Added entry - Uniform title 740 Title traced differently 830 Series added entry - Uniform title 840 Series added entry - Title 212 Variant access title (Serials) COMMENTS: Select first four fields present.
ISN	26		020 ISBN (Select only subfield a) 022 ISSN (Select only subfield a) COMMENTS: If both fields occur, select 020.
LCCN	27	+	010 LCCN (Select only subfield a)
OCLC NO	28	"	001 Control number (OCLC #) -- On the OCLC screen, the number is on line 1 with the header, "OCLC:". COMMENTS: For OCLC number delete bytes 0 - 3 and remove leading zeros. Bates numbers may be placed here.
FIXED	29		Selected fixed field data are extracted from the OCLC screen fixed fields area at the top. They are extracted and put into Field 29 in the following order and without literals: "Bib lvl:" - one character "Type:" - one character "Lang:" - three characters "Dates:" - first four characters COMMENTS: Processing from OCLC/MARC archive tapes would be different since the data are in the Leader and Tag 008.

LOCAL FIELD NAME	LOCAL FIELD NUMBER	KEY PRE-FIX	OCLC FIELDS TO BE INCLUDED IN CLSI FIELDS TOGETHER WITH COMMENTS ON SELECTION LOGIC
(Local Option)	30		Text field for local use

II. VARIABLE FIELDS CONTENTS -- GENERAL AND SPECIFIC RULES

a. FIELD SELECTION LOGIC. All subfields are included unless otherwise indicated. All fields to be selected in the order shown unless special logic indicates otherwise.

b. INDEXABLE FIELDS. Fields 1, 2, 3, 4, and 13 through 29 have been arranged to facilitate indexing. The actual selection of fields to be indexed is a local campus option. If a campus elects to index any field, then the key prefixes indicated above must be used.

c. SUBFIELD DELIMITERS. Strip out each subfield delimiter and subfield code and replace it with a blank. An exception is the 6XX field where subfields will be separated by two hyphens (with no spaces on either side).

d. FIELDS ENDING IN A SLASH. Any field which, when transferred to a CLSI variable field would end with the characters / (i.e. space slash) will have the space and slash removed.

e. W SUBFIELDS. Delete all w subfields.

f. MEDIA QUALIFIER. Supply brackets ([ ]) around subfield h in the 245 field. This is highly desirable but not required.

g. CONCATENATION. When concatenating fields, supply terminal punctuation for each (if not already present), and insert three blanks between the terminal punctuation and the following field.

h. DIACRITICS AND SPECIAL CHARACTERS. Process diacritic and special characters as indicated below in cases 1 through 4:

CASE 1

32 through 127 (128 characters) are passed unchanged by the O.L.I. These are the basic 7-bit ASCII characters of which 96 print. They include upper and lower case Roman alphabet, Arabic numerals, English punctuation, and standard text symbols such as parentheses.

CASE 2

Specific characters in the range 161 through 189 will be processed as indicated in the table which follows:

Character Number (MARC)		Input Octal	O.L.I. Converts To	CLSI Octal
161	Ł	241	L	114
162	Ø	242	O	117
163	Đ	243	D	104
164	Þ	244	Th	124,150
165	Æ	245	Ae	101,145
166	Œ	246	Oe	117,145
169	ƀ (flat)	251	b	142
172	ɔ	254	O	117
173	ʊ	255	U	125
177	ł	261	l	154
178	ø	262	o	157
179	đ	263	d	144
180	þ	264	th	164,150
181	æ	255	ae	141,145
182	œ	266	oe	157,145
184	ɪ	270	i	151
186	ɖ	272	d	144
188	ɔ	274	o	157
189	ʊ	275	u	165

CASE 3
Any character not specifically mentioned above is to be dropped without leaving a blank; in other words, it is skipped and its place taken by the next character. The only exceptions to this follow in Case 4.

CASE 4
Greek letters "alpha," "beta," and "gamma" -- On the on-line interface each will convert respectively to the Roman alphabet letters "a," "b," and "g" -- For archive tape processing, each will convert respectively to the words "alpha," "beta," and "gamma."

Numerical subscripts (preceded by ESCAPE b, i.e., hex 1B 62 and followed by ESCAPE s, hex 1B 73): convert to print in line with other characters.

Numerical superscripts (preceded by ESCAPE p, hex 1B 70, and followed by ESCAPE s, hex 1B 73): convert to print in line with other characters.

i. LITERALS TO BE SUPPLIED TO THE CLSI RECORD. All literals will be supplied in upper case. Each literal depends upon specific indicator values in the tagged fields, as shown below, and will be followed by the contents of the OCLC-tagged field. If there are two occurrences of the same tag, the literal will precede only the data from the first. The second occurrence will be concatenated without the literal. Detailed rules for supplying literals are indicated in the nine tables which follow:

USE OF LITERALS WITH OCLC TAG 246 - VARYING TITLE

Indicator #1	Indicator #2	CLSI Destination Field 22-25 - Added Title	CLSI Destination Field 10 - Notes
0	0	nothing	nothing
0	1	nothing	nothing
0	2-9	nothing	OTHER TITLE: (246)
1	0	246 contents	nothing
1	1	246 contents	nothing
1	2-9	246 contents	OTHER TITLE: (246)
2	any	nothing	nothing
3	any	246 contents	nothing

USE OF LITERALS WITH OCLC TAG 247 - TITLE VARIES

Indicator #1	Indicator #2	CLSI Destination Field 22-25 - Added Title	CLSI Destination Field 10 - Notes
0	0	nothing	TITLE VARIES: (247)
1	0	247 contents	TITLE VARIES: (247)
1	1	247 contents	nothing
0	1	nothing	nothing

USE OF LITERALS WITH OCLC TAG 505 - CONTENTS

Indicator #1	Indicator #2	CLSI Destination Field 12 - Notes
any		CONTENTS: (505)

USE OF LITERALS WITH OCLC TAG 508 - CREDITS

Indicator #1	Indicator #2	CLSI Destination Field 11 - Notes
any		CREDITS: (508)

USE OF LITERALS WITH OCLC TAG 510 - CITATION NOTE

Indicator #1	Indicator #2	CLSI Destination Field 11 - Notes
0-2	⊬	INDEXED BY: (510)
3-4	⊬	REFERENCES: (510)

USE OF LITERALS WITH OCLC TAG 520 - SUMMARY

Indicator #1	Indicator #2	CLSI Destination Field 11 - Notes
any		SUMMARY: (520)

USE OF LITERALS WITH OCLC TAG 555 - INDEXES

Indicator #1	Indicator #2	CLSI Destination Field 9 - Notes
any		INDEXES: (555)

USE OF LITERALS WITH OCLC TAG 780 - PRECEDING SERIAL

Indicator #1	Indicator #2	CLSI Destination Field 10 - Notes
0	0	CONTINUES: (780)
0	1	CONTINUES IN PART: (780)
0	2	SUPERSEDES: (780)
0	3	SUPERSEDES IN PART: (780)
0	4	FORMED BY THE UNION OF: (780 1st occurrence) AND: (780 2nd occurrence)
0	5	ABSORBED: (780)
0	6	ABSORBED IN PART (780)
0	7	SEPARATED FROM: (780)
1	any	nothing

USE OF LITERALS WITH OCLC TAG 785 - SUCCEEDING SERIAL

Indicator #1	Indicator #2	CLSI Destination Field 10 - Notes
0	0	CONTINUED BY (785)
0	1	CONTINUED IN PART BY: (785)
0	2	SUPERSEDED BY: (785)
0	3	SUPERSEDED IN PART BY: (785)
0	4	ABSORBED BY: (785)
0	5	ABSORBED IN PART BY: (785)
0	6	SPLIT INTO: (785 1st occurrence) AND: (785 2nd occurrence)
0	7	MERGED WITH: (785 1st occurrence) TO FORM: (785 2nd occurrence)
0	8	CHANGED BACK TO: (785)
1	any	nothing

j. LEADING ARTICLES IN THE 245 FIELD. The CLSI system has a built in stop list for some leading articles. We will follow their stop list and other leading articles will be indexed as part of the title.

k. FIELDS EXCEEDING 512 CHARACTERS. Any variable length field that exceeds 512 characters (CLSI Release 24 limit) will be truncated.

l. SPECIAL RULES FOR CALL NUMBERS. The entire call number will be extracted from the specified OCLC field (see CLSI designated field number 1, above). Following the call number will be three possible elements as suffixes. These elements will be derived from the 049 field and will each be enclosed in parentheses. The order of these elements will be a local option. The automatic stamp will be derived from the first holding library shown in the 049 field.

1. LC Call Numbers. LC call numbers will be handled in the following manner:

a. The first element will be the class letter and the class number. Four character positions will be reserved for the class number to the left of any class number decimal. The number will be right-justified with blanks as fillers, if necessary. For example with ¥ = blank, three call numbers would appear as follows:

PA¥¥25
P¥531
P¥¥10.1

b. The remaining components of the call number will be separated by one space. The absolute decimal before the first cutter will be removed. In subfield ≠b (i.e. delimiter "b") of OCLC tags 050 and 090, the "comma-space" line break will be converted to a single space. Examples are given below.

SOURCE OCLC	OBJECT CLSI
050 PQ2607.U865 ≠b A9	PQ2607¥U865¥A9
090 R62.3 ≠b .M4 1949	R¥¥62.3¥M4¥1949
050 BR60 ≠b .S4 1956 049 CCHM [Archives]	BR¥¥60¥S4¥1956¥(Archives)
090 QA76.4 ≠b .G6 049 CCHZ	QA¥¥76.4¥G6¥(ref)
090 LB100 ≠b .R5 049 [fo] CCHZ [Archives]	LB¥100¥R5¥(fo) (ref) (Archives) NOTE: The order of the added on location components to be locally profiled.

c. If the library has used its OCLC profile to generate automatic folio prefixes, it will be necessary to examine subfield c in the 300 field for oversize books. If the size falls within library-defined param-

eters, a character string should be generated and written as a leading input stamp. Typically this character string might be "fo."

2. Non LC Call Numbers. Non LC call numbers will be written into the CLSI field as they appear on the OCLC record with delimiters and subfield codes removed. Any breaks in the non LC call numbers will be preserved by one blank. In tags 098 and 099, each ≠a subfield will be separated from the next by a space. Automatic and input stamps will be handled the same as in an LC call number.

III. EXPANDED TITLE RECORD -- FIXED FIELD CONTENTS

a. TITLE RECORD FIXED FIELD CONTENTS. Title record fixed field content values will be supplied as indicated in the table below:

CLSI FIXED FIELD NAME	MAXIMUM SIZE OF FIELD	VALUES TO BE SUPPLIED IN CLSI TITLE FIXED FIELDS
PUB CODE	5 characters	blanks
PUB YEAR	4 characters	taken from the first four characters of the OCLC fixed field headed "Dates:"
COST	6 characters	zeroes or set cost supplied by each library
MAT CLASS	1 character	blank
ED CLASS	2 characters	blanks
AUTHOR/TITLE ID	9 characters	See explanation immediately following

Rules for the formation of the Author/Title ID. The author/title ID is composed of seven characters taken either: 1) from the author and title together, or, 2) from the title alone. The CLSI computer adds to these seven characters a two-digit uniqueness number composed of either letters or numbers combining to form 776 different permutations. This CSUC standard permits each library to choose either of the following two options:

1. A 3-1-1-1-1-Author/Title-ID. This ID, in its simplest form, is composed from the first three letters of the author main entry followed by the first letters from each of the first four words from the title.

2. A 3-1-1-1-1-Title-ID. This ID, in its simplest form, is composed from the first three letters of the first word from the title followed by the first letter from each of the next four words from the title.

Detailed rules for both of these options have already been developed by campuses with CLSI installations completed or underway. Although a number of slight variations may exist between these rules at their most detailed specification level,

these differences are, for the most part, insignificant. CSUC libraries yet to install CLSI will have to pick a 3-1-1-1-1 Author/Title or Title ID consistent -- on the detailed specification level -- with any of the existing CSUC ID formation codes.

b. ITEM RECORD FIXED FIELD CONTENTS. Item record fixed field content values will be supplied as indicated in the table below:

CLSI FIXED FIELD NAME	MAXIMUM SIZE OF FIELD	VALUES TO BE SUPPLIED IN CLSI ITEM FIXED FIELDS
SCAT	3 characters	Statistical categories will be assigned mechanically according to a table. The table will be 250 cells in length, each cell containing 11 characters of an LC call number plus the associated 3-digit SCAT. Individual campuses must develop their own profiles for statistical categories.
AGENID	3 characters	These three codes may be set up by a table using OCLC holding codes.
ICATOR	1 character	
Q CALL	1 character	

In addition, CLSI Release 25 and 26 will allow for a 48 character item level call number field. Contents of this field is a local option.